

Vista TEAM

Transaction
EPOS and
ATM
Monitoring



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Vista TEAM reduces shrinkage, increases profits...

In the UK alone during 2002, retail customers committed over 8 million thefts and employees over 1 million. The value of these explained losses is estimated to be at £1.7 billion. However, unexplained losses also manifest themselves within the UK retail industry at a staggering £1.4 billion, of which 44% is believed to be a result of staff theft.

Vista TEAM is designed to combat retail fraud by providing a highly efficient and easily searchable method for recording and reviewing integrated transaction and CCTV data, from a multitude of EPOS (Till) machines.

Using Vista TEAM, CCTV images are automatically integrated with till transaction data providing synchronised data streams that link a specific cashier to a specific transaction and, potentially, to a specific fraud.

Vista TEAM is targeted at medium-sized, multiple till, multiple store retailers.

Key Features:

- Simultaneous video monitoring of up to 16 EPOS terminals (per Vista TEAM unit) displayed live or in playback mode
- Real-time monitoring of selected EPOS terminals
- On-screen display of user defined transaction data in real-time
- Synchronised sale transaction and video database
- Digital video recording or playback with on-video data transaction
- Serial connectivity with EPOS terminal that can be programmed to trigger video recording
- Video search and archive retrieval by text query according to required terminal transaction, date/time or void transactions
- Remote video access using WaveReader™ software

£1.7bn
In explained
estimated
losses

£1.4bn
In unexplained
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Vista TEAM pinpoints store crime...

Real time video display of transaction data:
as items or cards are swiped transaction data is processed in real time over the live video images proving that a specific image corresponds to a specific transaction.

Text search facility:
any transaction can be interrogated by transaction ID, goods purchased, sku code, payment type, price, cashier ID, date, time and void transaction. Searches can also be undertaken on part or whole Credit Card and Direct Debit numbers and Staff Discount Card numbers.

Compatibility:
TEAM interfaces with a product specific POS interface meaning that TEAM can interface with over 1000 POS systems

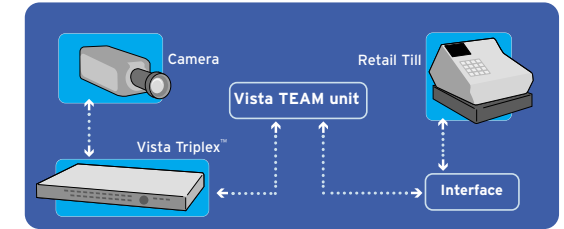
Integration:
integrate Vista TEAM with a company's forensic data mining tools for detailed transaction analysis.

Central monitoring:
accommodated through the network capabilities of the Triplex™ Columbus DVR with images accessed on remote PCs using WaveReader™ software supplied with the unit.

Technical Overview

Vista TEAM comprises four elements:

- 1 Multiple high resolution CCTV cameras installed at EPOS sites and positioned to capture the best view of customer and cashier
- 2 Interface device between Till and TEAM
- 3 Vista TEAM data monitoring device
- 4 Vista Triplex™ Digital Video Recorder (DVR)



The TEAM monitoring device passes sales transaction data from the EPOS system via an interface to the Vista Triplex™ DVR. The DVR then combines and records the transaction data with captured CCTV images for subsequent interrogation. Video and transaction information is conveniently saved to the hard disk of the Triplex™, which can range from 40 to an astounding 1,000 GB.

Apart from interfacing with EPOS systems, Vista TEAM can interface in a wide range of additional transaction processing scenarios:

- ATM Machines
- Weigh Bridges
- Money Counting Machines
- Fuel Pumps
- Weighing Machines
- Toll Booths
- VNPR Text Input
- Access Control Text
- Car Park Ticket Machines
- Ticket Machines

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*Figures from 10th Annual Retail Crime Survey (British Retail Consortium)